

Diesel Exhaust After-Treatment Devices

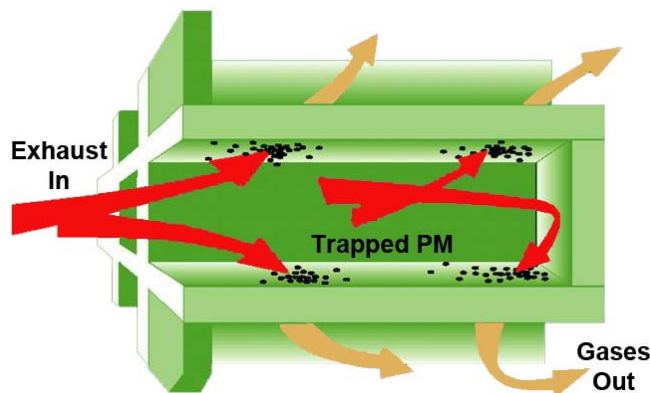
Diesel exhaust after-treatment devices including diesel particulate filter (DPF) technology are in the forefront of California's Diesel Risk Reduction Program. Retrofit DPF's has been verified by ARB to effectively reduce diesel emissions from diesel-fueled internal combustion engines by at least 85% and original equipment manufactured devices help achieve the 0.01 gram per brake horsepower particulate matter (PM) on-road standard. This course discusses diesel particulate matter and their health effects; diesel engine PM and NO_x production and control strategies; DPF theory, operation, construction, and application; as well as regulations requiring particulate filters. Topics include: diesel oxidation catalysts, continually regenerating traps, NO_x catalysts, ammonia slip, selective catalytic reduction, NO_x adsorber catalysts in addition to passive, active, online and offline regenerating strategies. **Also included in the course is an optional field trip the following day to see real application of DPFs at a representative facility to be announced at time of class.**

June 16, 2010

8:30 AM - 5:00 PM

(June 17 - Optional Field Trip)

Los Angeles Trade-Technical College
400 W. Washington Blvd.
Building "F", Room F-126
Los Angeles, CA 90015
(916) 322-2227



NOTE: Park in Parking Lot "F". Parking permits will be issued on the day of class.

REGISTER ONLINE: <http://www.arb.ca.gov/training/registration/registration.php>

Course Web page: <http://www.arb.ca.gov/training/courses.htm>

Registration Information: arbtrain@arb.ca.gov

400 West Washington Blvd.
Los Angeles, California 90015-4181
www.lattc.edu



Phone: (213) 763-7000
TDD: (213) 763-5375
Fax: (213) 763-5393



B BUILDING

Apprenticeship/Coop. Ed.
Construction Technologies

C BUILDING

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Copy Center
Learning Skills Center
Mail Room
Student Activities/ASO
Writing Center

CDC BUILDING

Child Development Center

D BUILDING

Architecture Technology
Art Trades/Fashion
College Sheriff
Physical Plant Office

E BUILDING

Disabled Student Programs & Services
Electronics Technology
School Relations
Student Health Center
Worksource Center

F BUILDING

Automotive Technologies
Machine Shop CNC
Receiving
Welding Program

G BUILDING

Gymnasium
Men's & Women's

H BUILDING

Art Trades
Cafeteria
Counseling Center
Culinary Arts
Garden Room
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J BUILDING

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Health/Physical Education

K BUILDING

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Business Administration
Computer Applications & Office Technology
Computer Information Systems
Science

L BUILDING

Fitness Center
Labor Center
Library

M BUILDING

Jefferson High School
Webmaster
Physical Plant Shops

R BUILDING

Cosmetology

ST BUILDING

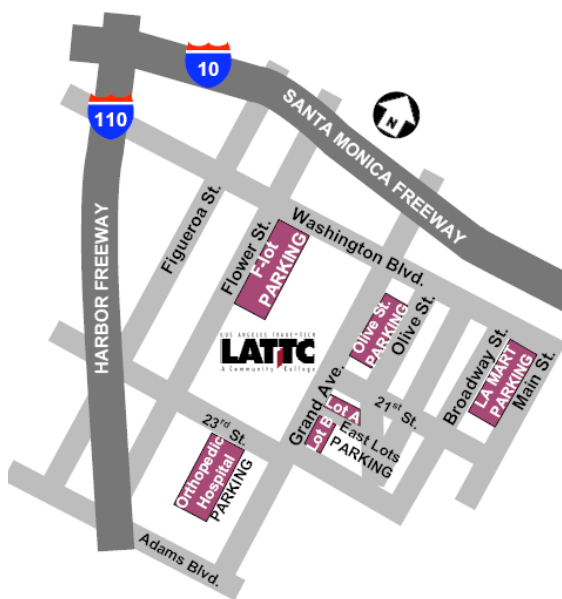
Academic Affairs
Administrative Offices
Admissions & Records
Assessment Center
Bridges to Success Center
Business Office
CalWorks/GAIN
Career Center
Compliance Office
Continuing Education
EOPS/CARE
Financial Aid
Information Center
International Student Program
Matriculation
Non-credit
Personnel/Payroll
PUENTE Program
School Relations
Student Employment Center
Student Services
University Transfer Center
Veterans Services
Workforce & Econ. Dev.

TE BUILDING

Behavioral/Social Sciences
Language Arts/Humanities
Mathematics

THE MODULARS

Allied Health/Health Occupations
Temporary Classrooms



Please note: At the time of publication, current information was used. Construction demands will create changes and information will always be available at the College Sheriff's Office, D150, (213) 763-3600, 24 hours a day, 7 days per week. LATTC provides adequate parking for students, staff and visitors. However, since demand is high during the first three weeks of Fall and Spring semesters, overflow parking will be available in the East lot of the LA Mart at 1933 S. Broadway. These spaces are accessible from Broadway or Main Streets just south of Washington. The LA Mart East lot offers free parking to students with a valid college parking permit for the first three weeks of the Fall and Spring semesters only. Beginning with the fourth week, students must use other designated college lots.